dsconv

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Abstract

Convert columns that contain timetags or angles in hr:min:sec notation into real value columns that can be plotted, and vice versa.

1 Instruments/Modes

Instrument	Mode
n/a	n/a

2 Use

pipeline processing	no
interactive analysis	yes

3 Description

DSCONV converts a column that contains time tags or right ascension or declination in hr:min:sec/deg:min:sec into a real number or vice versa. The data can be put into a new column or an already existing one provided it has the right type.

4 Parameters

This section documents the parameters recognized by this task (if any).

Parameter	Mand	Type	Default	Constraints
column	yes	column		

Column to be converted, e.g. test.fit:ahf:t

type	yes	string	time	time—ra—dec

Determines the type that is represented by the values in the column.

dir	no	decode	string	decode—encode

Decode a string column into real values, or encode a real value into a string column.

newcolumn	no	string		

Name of the output column. Provide a simple string up to 8 char only, not a fully qualified column specification with colons. The column will be added to the same table if it does not exist already.

5 Errors

This section documents warnings and errors generated by this task (if any). Note that warnings and errors can also be generated in the SAS infrastructure libraries, in which case they would not be documented here. Refer to the index of all errors and warnings available in the HTML version of the SAS documentation.

6 Input Files

7 Output Files

8 Algorithm

9 Comments

10 Future developments

References